

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BIT LINE PRE-CHARGE CIRCUIT OF SEMICONDUCTOR MEMORY DEVICE

the specification of which is attached hereto unless the following box is checked:

was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED
2002-46378	Republic of Korea	06/August/2002	Yes

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

APPLICATION NO.	FILING DATE

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Eugene M. Lee, Reg. No. 32,039; Richard A. Sterba, Reg. No. 43,162.

Address all correspondence to Eugene M. Lee, LEE & STERBA, PC, 1101 Wilson Boulevard, Suite 2000, Arlington, Virginia 22209. Address all telephone communications to Eugene M. Lee at (703) 525-0978.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor Jae-Hoon JOO	Signature of First or Sole Inventor <i>Jae Hoon JOO</i>	Date <i>Jul. 11 2003</i>
Residence Address 208-802 Byucksan Apt., 832-1, Jukjeon-ri, Suji-eup, Yongin-city, Gyeonggi-do, Republic of Korea	Country of Citizenship Republic of Korea	
Post Office Address Same as above		

Full Name of Second Inventor Jin-Seok LEE	Signature of Second Inventor <i>JIN-SEOK LEE</i>	Date <i>July 11 2003</i>
Residence Address 504-705, Jinsan-Maeul Samsung Scha Apt., 1161, Bojeong-ri, Guseong-myeon, Yongin-city, Gyeonggi-do, Republic of Korea	Country of Citizenship Republic of Korea	
Post Office Address Same as above		

Full Name of Third Inventor Sang-Seok KANG	Signature of Third Inventor <i>Sang-Seok KANG</i>	Date <i>July 11 2003</i>
Residence Address 1186, Kwonseon-dong, Kwonseon-gu, Suwon-city, Gyeonggi-do, Republic of Korea	Country of Citizenship Republic of Korea	
Post Office Address Same as above		

Full Name of Fourth Inventor Kyu-Chan LEE	Signature of Fourth Inventor <i>Kyuchan Lee</i>	Date <u>July 28, 2003</u>
Residence Address 501-705 Samik Green Apt., Myungil 1-dong, Kangdong, gu, Seoul, Republic of Korea	Country of Citizenship Republic of Korea	
Post Office Address Same as above		

Full Name of Fifth Inventor Byung-Heon KWAK	Signature of Fifth Inventor <i>Byung Heon Kwak</i>	Date <u>July 11, 2003</u>
Residence Address 222-702 Daerim Apt., Kwonseon-dong, Kwonseon-gu, Suwon-city, Gyeonggi-do, Republic of Korea	Country of Citizenship Republic of Korea	
Post Office Address Same as above		

Full Name of Sixth Inventor Byung-Chul KIM	Signature of Sixth Inventor <i>Byung Chul Kim</i>	Date <u>July 26, 2003</u>
Residence Address 604-1902 Pungrim Apt., Youngtong-dong, Paldal-gu, Suwon-city, Gyeonggi-do, Republic of Korea	Country of Citizenship Republic of Korea	
Post Office Address Same as above		